

## APPARATUS AND METHODS FOR MONITORING AND MODIFYING ANTICOAGULATION THERAPY OF REMOTELY LOCATED PATIENTS

### Abstract of the Disclosure

A patient apparatus is configured to receive and analyze information regarding patient compliance with anticoagulation medication and self-test coagulation regimens related to anticoagulation therapy. In addition, a patient apparatus is configured to receive data from a patient, including physiological data, pathophysiological data, biological data, psychological data, neuropsychological data, and/or behavioral data. Utilizing the received patient data, a patient apparatus can modify a warfarin regimen using an algorithm contained within the apparatus. The apparatus can communicate the modified warfarin regimen to the patient and to third parties, such as remotely located healthcare providers. In addition, the apparatus can prompt a patient when to perform a self-test and can prompt a patient to seek immediate medical attention, or to directly contact medical help, when so warranted.